

## BALL AND SOCKET ALIGNMENT DEVICE

### Abstract

5 An alignment device and method is provided. Higher precision is achieved when fixing an orientation of an insertion axis using alignment devices shown. A symmetric clamping force is provided that reduces or eliminates unwanted displacement after the desired orientation is obtained. Another feature includes increased flexibility to use a variety of primary medical devices. Another feature includes a standoff feature that reduces tissue damage. Another feature includes an orienting fixture for image guided procedures.

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